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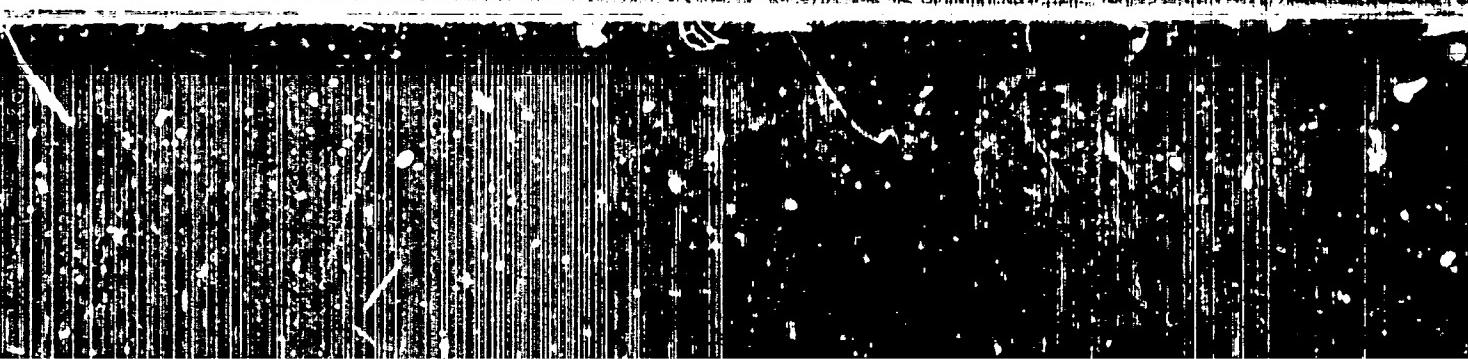
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HÓDOS, Tibor

SURNAME, Given Names

Country: Hungary

Academic Degrees: /not given/

Affiliation: State Workhygiene Institute, Department of Occupational  
Neuroses and Workpsychology (Országos Munkaügyi Intézet  
Foglalkozási Idegbetegségek és Munkaléktani Osztálya  
Chief: (Vezető) István BÁLINT, Dr.

Source: Budapest, Magyar Pszichológiai Szemle, Vol 18, No 3, 1961, pp 340-343  
Data: "Testing Equipment for Serial Tests at the Place of Employment."

GPO 981643

HODOS, Tibor

"Voprosy psichologii," no.1, 1963. Reviewed by Tibor Hodos.  
Magy pszichol szemle 21 no.2:311-314 '64.

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HCDOS, Tibor

"Voprosy psichologii," no.2, 1962. Reviewed by Tibor Hodos.  
Magyar pszichológiai szemle 21 no.3:495-498 '64.

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CIA-RDP86-00513R000618110001-3

HODOS, Tibor

"Thought and speech", edited by F.N. Shemyakin. Reviewed by  
Tibor Hodos. Magy pszichol szemle 18 no.3:371-374 '61.

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HODOS, Tibor; NAGY, Laszlo

"Voprosy Psichologii", nos.5,6,1957, and nos.1,2,1958; a periodical review by Tibor Hodos and Laszlo Nagy. Magy pszichol szemle 18 no.3:396-405 '61.

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BALINT, Istvan, dr.; HODOS, Tibor

International Conference on Labor Hygiene, Budapest, May 4-6, 1961.  
Magy pszichol szemle 18 no.4:443-445 '61.

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SALAMON, Jeno, dr.; S.MOLNAR, Edit; GARAI, Laszlo; SAGI, Antalne; SALAMON, Jenone; ADAM, Peter; HODOS, Tibor; BODOR, Jeno

"Psychology in the Soviet Union." Vol.2. Reviewed by Jeno Salamon and others. Magy pszichol szemle 18 no.4:446-468 '61.

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HODOS, Tibor

"Voprosy psikhologii", no.3,4,5,6,1958; a periodical review by Tibor  
Hodos. Magy pszichol szemle 18 no.4:478-491 '61.

BALINT, Istvan, dr.; VARGA, Berta, dr.; HODOS, Tibor

Neuropsychiatric examination of confectionery workers employed on assembly lines. Ideg.szemle 15 no.2:39-45 F '62.

1. Az Orszagos Munkaegeszsegugyi Intezet kozlemelye.

(PSYCHOLOGY INDUSTRIAL) (MENTAL DISORDERS)

HODOS, Tibor

"Instruction of workers for using new work methods and the ways  
of individual approach" by E.A. Klimov. Reviewed by Tibor Hodos.  
Magy pszichol szemle 19 no.1:99-101 '62.

HODOS, Tibor

"Voprosy psichologii", no.1-4, 1959; a periodical review by  
Tibor Hodos. Magy pszichol szemle 19 no.1:102-116 '62.

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HODOS, Tibor

"Psychological space formation and color dynamics" by Heinrich Freiling.  
Reviewed by Tibor Hodos. Magy pszichol szemle 19 no.2:244-245 '62.

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HODOS, Tibor

"Voprosy psikhologii," nos.5,6,1959, and nos.1,2,1960; a periodical review by Tibor Hodos and Mrs. Lidia Nadudvari nee Prokofjeva. Magy pszichol szemle 19 no.2:252-263 '62.

1. Nadudvarine Prokofjeva, Lidia.

BALINT, Istvan, dr.; HODOS, Tibor

Application of color dynamics in factories. Magy pszichol  
szemle 19 no.3:359-363 '62.

i. Orszagos Munkaegeszsegugyi Intezet.

MP.

HODOS, Tibor

"Problems relating to the development of psyche" by A.N.  
Leont'ev. Reviewed by Tibor Hodos. Magy pszichol szemle  
19 no.3:375-376 '62.

HODOS, Tibor

"Voprosy psichologii", vol.3-4, 1960; reviewed by Tibor Hodos.  
Magy pszichol szemle 19 no.3:387-393 '62.

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110001-3

HODOS, Tibor

"Voprosy psichologii", no.5,6, 1960, and, no.1,2, 1961; a periodical review by Tibor Hodos. Magy pszichol. szemle 19 no.4:504-516 '62.

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CIA-RDP86-00513R000618110001-3"

BALINT, Istvan, dr.; HODOS, Tibor

Studies on nervous system exhaustion of factory workers  
employed in assembly lines. Ideggyogy. szemla 16 no.8:252-256  
Ag '63.

1. Orszagos Munkaegeszsegugyi Intezet kozlemonye.  
(INDUSTRIAL MEDICINE) (TIME PERCEPTION)  
(NEUROLOGY) (PSYCHOLOGY, INDUSTRIAL)

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CIA-RDP86-00513R000618110001-3

HODOS, Tibor

"Time perception" by D.G. El'kin. Reviewed by Tibor Hodos.  
Magy pszichol szemle 20 no.1:151-154 '63.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110001-3"

HODOS, Tibor

"Voprosy psichologii," no.3/4, 1961; a periodical review by  
Tibor Hodos. Magy pszichol szemle 20 no.1:165-170 '63.

HODOS, Tibor

"Voprosy psikhologii", no. 6, 1962. Reviewed by Tibor Hodos.  
Magy pszichol szemle 21 no. 1: 138-141 '64.

BALINT, Istvan, dr.; HODOS, Tibor; MURANYI, Mihaly

Analysis of the complex factors playing a role in the origin  
of industrial accidents. Munkavedelem 10 no.7/9:33-41 '64.

1. National Institute of Labor Hygiene, Budapest.

L 32098-66

ACC NR: AP6020669 SOURCE CODE: HU/0032/66/000/001/0005/0014

AUTHOR: Balint, Istvan (Doctor); Hodos, Tibor (Doctor)

ORG: National Institute of Labor Hygiene (Orszagos Munkageszsegugyi Intezet)

TITLE: Factors influencing the changes in the neurosis morbidity of female spinners

SOURCE: Ideggyogyaszati szemle, no. 1, 1966, 5-14

TOPIC TAGS: psychoneurotic disorder, industrial medicine

ABSTRACT: Statistical methods were used to study neurosis morbidity in textile factories, especially among spinners. Over several years, the spinningries were in the second or third place with respect to the morbidity data. In one spinningry with a high neurosis morbidity, the importance of the environmental factors was analyzed. The most important component was found to be physical stress: static working conditions, high temperatures, high relative humidity, insufficient illumination, noise. A dominant psychic factor was the need for continuous attention and its constant distraction in different directions. The absence of rest periods was also found to be unfavorable. The distribution of attention and the development of tremor in the hands was studied in a group of neurotic workers and a control group. In the middle of the work day, the neurotic workers showed greater fatigue than the controls. Toward the end of the day, there was no significant difference between the two groups. This led to the conclusion that the stress is too great in general. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 010

Card 1/1 ALG

Similarly was prepared 2-( $\alpha$ -truxilic acid)bis( $\mu$ -nitrophenyl)ether (VII), m. 128-9° (from IV). A mixt of 1 g. VIII and 1.4 g. VII in 10 ml.  $\text{H}_2\text{O}$ , 5 g. Zn powder and 0.25 g.  $\text{CaCl}_2$  was boiled, then filtered, and the filtrate poured into  $\text{H}_2\text{O}$ . After stirring a white resin-like mass (pd) which became very soft upon heating, it was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 1.2 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.8 g. This product was heated in the cold with 0.25 g. IV (m. 10-15 min) and stirred. The filtrate was concentrated and  $\text{H}_2\text{O}$  added; the precipitate was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.6 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.5 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.4 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.3 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.2 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.1 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.05 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.02 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.01 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.005 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.002 g. This product was dissolved in 10 ml.  $\text{CHCl}_3$  and 10 ml.  $\text{H}_2\text{O}$  was added. The precipitating product was collected, washed with  $\text{H}_2\text{O}$  and dried. Yield, 0.001 g.

*François G. C. L. + A. Housen*

again with glacial AcOH. The solids were combined, dissolved in boiling AcOH, and cooled for 16 hrs. This gave XII (bis(phenyl 4-*n*-butyl ether), m. 103-0°. A mixt. of 2 g. XII, 200 cc. IV, 10 g. Zn powder, and 4 g. CuCl<sub>2</sub> was boiled 8 hrs. and filtered. The remaining oil was boiled with 65 cc. IV and the filtrates combined. Recryst. from *m*-anisole gave (XIII) m. 229-30° [C<sub>41</sub>H<sub>44</sub>O]<sub>2</sub>]. HCl was prep'd. by dissolving XIII in CH<sub>2</sub>Cl<sub>2</sub> and adding HCl. To 1.4 g. XIII-HCl suspended in 2 N HCl was added 1 cc. conc. HCl and 10-12 g. ice. Cooling to 0° and adding 0.3 g. NaNO<sub>2</sub> in 2 cc. H<sub>2</sub>O gave a yellow clear soln. to which was added with stirring 50 cc. IV and 0.5 g. Cu powder. After 30 min. the mixt. was filtered and dried and the ppt. washed with 4 cc. Et<sub>2</sub>O over.

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stance). This dissolved unreacted XV and a colored polymeric product which is believed to be polymeric. The residue, after filtration with much glacial AcOH, was 2-hydroxyacetone (XVI), m.p. 100-101°. XVI dissolved in  $\text{CHCl}_3$  (from meth. soln. IV). A mixture of 1.5 g. XVI, 50 mg. Zn powder, and 0.3 g. CaCl<sub>2</sub> was boiled 9 hrs. and the yellow ppt. filtered off, washed with  $\text{H}_2\text{O}$ , and dried in vacuo. Run with XVI left unreacted XVI and addition of XIV to the filtrate followed by evaporation to a small volume gave the amorphous material derived from IV and further cleaned by dissolving in  $\text{CHCl}_3$ . After removal of the insoluble material, the solution was dried in vacuo to yield a colorless, crystalline product. Recrystallization from  $\text{CHCl}_3$  gave 0.2 g. of a white, crystalline product. The IR spectrum of this product showed absorption bands at 3320, 1730, 1650, 1500, 1450, 1350, 1250, 1150, 1050, 950, 850, 750, and 650 cm<sup>-1</sup>. The NMR spectrum showed peaks at 1.2, 2.1, 3.5, 4.5, 5.5, 6.5, 7.0, 7.5, 8.0, and 9.0 ppm. The mass spectrum showed a base peak at m/e 232. The infrared spectrum, m.p. 232-240°, collected at 230-31° was tested for  $\text{CONH}_2$  and  $\text{NH}_2$  groups and

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(from IV) m. 222-231° (softened at 220-231°), was found from  $\text{HO}-\text{N}(\text{CH}_2-\text{CH}_2-\text{O})-\text{COOH}$  in the same way as XVI and reduced like XVI to (L- $\alpha$ -aminodecaproline) (XVI), m. 247-8° (from XI). XVII was not analyzed.

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RUMANIA / Organic Chemistry. Natural Products and  
Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimya, No 2, 1958, 4834.

Author : Tanasescu, I., Ramontian, E., Ganea, I., and  
Hodosan, F.

Inst : Not given.

Title : The Action of a Nitrating Mixture on Cholic Acid.

Orig Pub: Rev Chim (Romania), 2, No 2, 157-169 (1957) (in  
German)

Abstract: The action of a nitrating mixture on cholic acid (I) gives a mixture of the 3,12-dinitrate (II) of 3',12'-dihydroxy-7-ketocholanic acid (III acid) and of the nitrate (IV) of 3'-hydroxy-7,12-diketo-cholanic acid (V acid). The careful treatment (20 min, -10°) of 10 gms of I with a mixture of 125 ml H<sub>2</sub>SO<sub>4</sub> (d 1.84) and 180 ml HNO<sub>3</sub> (d 1.48) gives a

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RUMANIA / Organic Chemistry. Natural Products and  
Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4834.

Abstract: product which is dissolved in 65 ml boiling  
glacial  $\text{CH}_3\text{COCH}_3$ . On cooling II precipitates,  
yield 3 gms, mp 218° (decomp; from  $\text{CH}_3\text{OH}$ ); the  
methyl ester (VII) has an mp of 155° (from  $\text{CH}_3\text{OH}$  or  
from ethyl acetate; the ethyl ester has an mp of  
120° (from  $\text{CH}_3\text{OH}$ ). The mother solution of II on  
treatment with water gives a precipitate of IV,  
yield 1-1.5 gm, mp 228-230° (from aqueous  $\text{CH}_3\text{OH}$ );  
the methyl ester (VII) has an mp of 168-169°  
(from  $\text{CH}_3\text{OH}$ ); the ethyl ester has an mp of 156°  
(from alc); oxime derivative of VI mp 178-179°  
(from  $\text{CH}_3\text{OH}$ ); phenylhydrazone derivative of VI mp  
183° (from  $\text{CH}_3\text{OH}$ ); dioxime derivative of VII, mp

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RUMANIA / Organic Chemistry. Natural Products and  
Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 4834.

Abstract: 238-240° (from acetone). The treatment of II with zinc dust in glacial CH<sub>3</sub>COOH gives III, mp 192-193° (from CH<sub>3</sub>COOH-benzene); semihydrate mp 174° (from aqueous alcohol), methyl ester derivative (VIII) mp 152° (from benzene or from benzine), diacetate of VIII mp 119-120° (from aqueous CH<sub>3</sub>OH), dioxime of VIII mp 175° (from benzene-benzine), semicarbazone derivative [sic] decomposes at 221-223° (from acetone-benzine). The semicarbazone of III, which decomposes at 256-257° (from aqueous CH<sub>3</sub>OH), on heating (170°, 8 hrs) with NaOC<sub>2</sub>H<sub>5</sub> and NH<sub>2</sub>NH<sub>2</sub>·H<sub>2</sub>O in abs alcohol gives desoxycholic acid, mp 173-174°

Card 3/5

RUMANIA / Organic Chemistry. Natural Products and G-3  
Their Synthetic Analogs.

Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4834.

Abstract. (from alc) which on oxidation by the Wieland method (H. Wieland and H. Sorge, Z physiol Chem, 97, 1 (1916)) gives 3, 12-diketocholanic acid, mp 185-187°. The reaction (24 hrs, 20°) of VIII with  $\text{ClCOOC}_2\text{H}_5$  in pyridine forms the methyl ester of 3  $\beta$ -carbethoxy-12  $\alpha$ -hydroxy-7-ketocholanic acid, mp 183° (from aqueous  $\text{CH}_3\text{OH}$ ) which on oxidation with  $\text{CrO}_3$  in  $\text{CH}_3\text{COOH}$  is converted to the methyl ester of 3  $\beta$ -carbethoxy-7, 12-diketocholanic acid, mp 125° (from benzene). The treatment of IV with zinc dust in glacial  $\text{CH}_3\text{COOH}$  gives V, mp 190-191° (from aqueous acetone); the methyl ester (IX) melts at 155-156° (from  $\text{CH}_3\text{OH}$ ).

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2

Country	: RUMANIA	G
Category	: Organic Chemistry. Synthetic Organic Chemistry	
Obs. Jour	: Ref Zhur - Khim., No 5, 1959,	No. 15281
Author	: Hodosan, F.	
Institut.	: Rumanian AS, Cluj Affiliate	
Title	: Oxidation of Certain Organic Derivatives of Sulfur by Means of 2-Bromo-2-Nitro-propane-1,3-diol	
Orig. Pub.	: Studii si cercetari chim. Acad. RPR, Fil. Cluj, 1957, 8, No 3-4, 335-338	
Abstract	: 2-bromo-2-nitro-propanediol (I) was decomposed in an alkaline medium with the formation of $[\text{CH}_2\text{OHC} = (\text{NO}_2)\text{CH}_2\text{OH}]^-$ and $\text{Br}^+$ ions, which are active oxidizers of the SH group in the group -S-S-. In view of the stability and availability of I (Wilkendorf, R., Frénel, M., Ber., 1923, 56, 611), it can be recommended as an oxidizer of mercaptans and compounds capable of reacting in this form, for example thio-amides. By the oxidation of thiobenzanilide	
Card:	1/3	

G - 8

Country :	G
Category :	
Abs. Jour :	Ref Zhur - Khim., No 5, 1959, No. 15281
Author :	
Institut. :	
Title :	
Orig Pub. :	
Abstract cont'd.	(II), N- $\alpha$ -naphthyl thiobenzamide (III) and thiobenzo-p-toluidide (IV), these substances were obtained: $C_6H_5C(=NR)SSC(=NR)\cdot C_6H_5$ [R= $C_6H_5$ (V), $\alpha$ - $C_{10}H_7$ (VI), n- $CH_3H_6H_4$ (VII)]. 1.2 g. of NaOH in 8 ml. of water were added to a suspension of 5 g. of II in 30 ml. of alcohol, cooled, then 10 ml. of an alcoholic solution of 2.5 g. of I were gradually added, and in 30 minutes 80-85% of V was obtained, with m.p. 105-106° (from alcohol). Analogously,
Card:	2/3
Card:	3/3

Country : RUMANIA  
Category: Organic Chemistry. Natural Compounds and Their Synthetic Analogues.

G

Abs Jour: RZhKhim., No 17, 1959, No. 61011

Author : Tanasescu, I.; Hodosan, F.; Balogh, A.  
Inst : -  
Title : Steroides. XI. Problems in the Separation of Stigmasterin from Soyabean Oil.

Orig Pub: Studii si cercetari chim. Acad. RPR Fil. Cluj,  
1958, No 1-4, 167-170

Abstract: An attempt of increasing the yield of stigmasterin (I) from a steroid's mixture, contained in soyabean oil, by means of substituting the acetyl-derivative into nitrates, did not materialize. However, the nitrate method was found to

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Abs Jour: RZhKhim., No 17, 1959, No. 61011

be cheaper, when a free I is required rather than its acetate, insofar as in such a case, the separation process is confined only to one stage. To a suspension of 2 gr cholesterol in 20 ml.  $(CH_3CO)_2O$  at  $-5^\circ$  are added drop by drop in the course of 1 hour solution of 5 ml  $HNO_3$  ( $d = 1.52$ ) in 10 ml  $(CH_3CO)_2O$  followed by pouring on ice. The obtained 1.3 gr of cholesterol nitrate has melting point of  $115-116^\circ$  (from glacial  $CH_3COOH$ ). Under analogical conditions at  $-15^\circ$ , from 4 gr phytosterin (a mixture of I and sitosterin), 3 gr of phytosterin nitrate, having  $127^\circ$  melting point (from chloroform-alcohol),  $[\alpha]^{27}_D$  of  $-33^\circ$  (with

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Country : RUMANIA

G

Category: Organic Chemistry. Natural Compounds and Their  
Synthetic Analogues

Abs Jour: RZhKhim., No 17, 1959, No. 61011

2.4708; chloroform), are derived. 1 gr II in 8 ml of anhydrous ether is brominated at 0° in the course of 30 minutes with 12.5 ml of 5% Br in glacial CH<sub>3</sub>COOH. The mixture is well mixed every 2 hours, obtaining after 12 hours 0.1 gr of 5, 6, 22, 23-tetrahydrostigmasterole nitrate (III), having 202-206° melting point (from chloroform-alcohol and glacial CH<sub>3</sub>COOH),  $\Delta\text{D}^{27}$  of -38° (with 0.42%). To 0.16 gr III in 20 ml glacial CH<sub>3</sub>COOH are added in 30 minutes 0.16 gr of Zn powder, heating the mixture for 2 hours (125-126° on a bath). The obtained solution is then diluted with water, and after crystalli-

Card : 3/4

Country	: RUMANIA	G
Category	: Organic Chemistry. Natural Substances and Their Synthetic Analogs	
Abs. Jour	: Ref Zhur - Khim., No 5, 1959, No. 15509	
Author	: Tănărescu, I.; Hodosan, F.; Jude, I.	
Institut.	: Rumanian Academy	
Title	: Steroids. IX. New Method of Synthesis of 12 $\alpha$ -Oxycholanic Acid from Cholic Acid	
Orig. Pub.	: Comun Acad. RPR, 1958, 8, No 1, 41-45	
Abstract	: A new method was developed for the synthesis of 12 $\alpha$ -oxycholanic acid (I). A solution of 17 g. of methyl ether of 12 $\alpha$ -oxy-3 $\alpha$ , 7 $\alpha$ -diacetoxycholanic (II) acid in 170 ml. of CHCl <sub>3</sub> (temperature not over 0°) is added in the course of one hour to a mixture of 170 ml. of (CH <sub>3</sub> CO) <sub>2</sub> O and 45 ml. of HNO <sub>3</sub> (d 1.52), mixed for one hour; 2 l. of water and ice are poured off into the mixture, and the nitrate of II (IIa) is obtained, with yield of 63%, m.p. 132-133° (from	
Card:	1/5	

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Country	:	G
Category	:	
Abs. Jour	:	Ref Zhar - Khim., No 5, 1959, No. 15509
Author	:	
Institut.	:	
Title	:	
Orig Pub.	:	
Abstract cont'd.	(at about 20°) it is poured off into 2 l. of water, and a nitrate of 12 $\alpha$ -oxy-3,7-diketocholanic acid (IV) is obtained, with yield of 85%. 15 g. of IV are boiled for five hours with 400 ml. of CH <sub>3</sub> OH and 7 ml. of concentrated H <sub>2</sub> SO <sub>4</sub> , filtered, poured off into 2 l. of water, saturated with NaCl, and methyl ether of IV (V) is obtained, with yield of 78%, m.p. 136-137° (from CH <sub>3</sub> OH), [ $\alpha$ ] <sub>26</sub> <sup>D</sup> +42.2 (dioxane); dioxime, m.p. 212-213° (decomposition; from	
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Country :  
Category :  
Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15509

Author :  
Institut. :  
Title :

Ori; Pub. :

Abstract cont'd. : CH<sub>3</sub>OH). 10 g. of powdered Zn (temperature not over 20°) are gradually added to 4 g. of V in 100 ml. of chilled CH<sub>3</sub>COOH, and mixed for 20 minutes; the filtrate is poured off into 1 liter of water; while left standing, methyl ether of 12α-oxy-3,7-diketocholanic acid (VI) is obtained, with yield of 89%, m.p. 192-194°, [α]<sup>26</sup>D -14.9° (dioxane). 25.5 g.\* of Na and 650 ml. of alcohol) are heated for eight hours at 170-180° (autoclave), diluted with 3 l. of \* of VI, 77 g. of hydrazine hydrate and C<sub>2</sub>H<sub>5</sub>-ONa (26.5 g.

Card:

4/5

G - 80

G

Country :  
Category :

Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15509

Author :  
Institut. :  
Title :

Orig Pub. :

Abstract cont'd. : water, evaporated to 1/3 of the volume, diluted with 3 l. of water and 250 ml. of concentrated HCl, and I is obtained, with yield of 95% (unpurified); methyl ether, m.p. 120-121°,  $[\alpha]^{26}_D +40.6^\circ$  (dioxane). Report VIII, see Ref Zhur-Khim, 1957, 74537.-- L. Yanovskaya

Card: 5/5

HODOSAN, F.; BALOGH, A.; DINAGESCU, I.

About steriods. XI. Contributions to the separation of stigmasterol from soybean oil. p. 167.

Academia Republicii Populare Romine. Filiala Cluj. STUDII SI CERCETARI DE CHIMIE. Cluj, Rumania. Vol. 9, no. 1/4, Jan./Dec. 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 2, July 1959.

Uncl.

TANASESCU, I., acad. [deceased]; GANEA, I.; HODOSAN, F.; TERDUC, M.

Nitroester of the cholic-acid class. Rev chimie 4 no.2;189-197  
'59.

(EEAI 9:7)

1. Comite de redaction, Revue de Chimie: Mitglied der Akademie der  
Rumanischen Volksrepublik (for Tanasescu)  
(Nitro group) (Esters) (Cholic acid)

HODOSAN, F.

On some problems concerning the preparation of steroid  
hormones starting from hyodesoxycholic acid. Rev chimie  
7 no. 1: 249-255 '62.

1. Chemical Institute of the Academy of the R.P.R.,  
Cluj.

BODOR, Nicolae; FEY, Ludovic; KIR CZ, Magda; HODOSAN, Francisc

On the direct iodination of 20-oxopregnanes. Rev chimie Roum  
9 no.2:147-153 F '64

1. Institute of Chemical and Pharmaceutical Research and Institute of Chemistry of the Rumanian Academy, Cluj.

HODGSON, Frances; KAROLYI, Istvan; KERESZTES, Jozsef; KERESZTES, Zoltan;  
Kovacs, Arpad

A novel route to  $3\beta$ -hydroxy- $4^5$ -prostene and  $4^5$ -oxo- $\omega$ -prostene  
derivatives. Key claims. Ref. No. 1.; 22-043 C. 1964.

1. Invention of Chemistry of the invention (chemistry, 214), Apr. 1964  
65.

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110001-3

HOROSAN, Francisc; POP-GOCAN, Alexandra

Steroids in adsorbed state. Pt. 1. Rev chimie Cluj 9  
no.8/9:523-530 Ag-S '64.

1. Institute of Chemistry, Rumanian Academy, Cluj branch.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110001-3"

HODOSAN, Francisc; BALOGH, Arpad; HAMBURG, Erich

Steroids with modified side chain. Pt. I. Rev chimă Roum 9 no.12:  
857-863 D '64.

1. Institute of Chemistry of the Romanian Academy, 65 Donath Street,  
Cluj. Submitted August 10, 1964.

HODORIN, Mihai; ID: COCAN, Alexandru; ID: HODIN, Nicolae

Synthesis starting from hydroxyacrylic acid. Rev chim Rom  
10 no.1:97-101 Ja '65.

1. Institute of Chemistry of the Romanian Academy, Cluj, 59-  
65 Donath Street.

Rodica, Priscila; POP-ROCAN, Alexandra

Starty on steroids in adsorbed state. Po. I. Studii cerc chim 13  
no.8/9: 559-566 Ag-S '64.

I. Institute of Chemistry of the Romanian Academy, 65 Donath Street,  
Cluj.

HODOGAI, Francisc; GRIBUL, Nicolina; JILIT, Ioan; POPA/CSA, Alexandra;  
BALOGH, Arpad

a new way to obtain  $3\beta$ -halo- $\Delta^5$ -pregnene and  $\Delta^{3,5}$ -  
pregnadiene derivatives. Studii cerc chim 13 no.10.667-  
673 O '64.

I. Institute of Chemistry, Romanian Academy, Cluj, 65  
Borhanci St.

HODOSAN, Francisc; BALOGH, Arpad; HAMBURG, Erica

Steroids with modified lateral catena. Pt.1. Studia cerc chim  
13 no.12:901-907 D '64.

1. Institute of Chemistry of the Rumanian Academy, Cluj, 65  
Donath Street.

HODOSAN, F.; POP-GOCAN, Alexandra; SERBAN, N.

Syntheses starting from hyodeoxycholic acid. Studii cerc chim  
14 no.1:95-99 Ja '65.

l. Rumanian Academy, Institute of Chemistry, Cluj, 65 Str. Donath.  
Submitted June 18, 1964.

KEMENY, Pal, dr.; HODOSI, Julia, dr.; SZANTÓ, Imre, dr.

Treatment of sustained convulsions in childhood with N<sub>2</sub>O  
anesthesia. (Preliminary report). Orv. hetil. 105 no.15:  
681-683 12 Ap'64

l. XIII. Tanacs VB., Madarasz uti Csecsemo es Gyermektorham.

\*

BARTA, Lajos, dr.; HODOSI, Rezso, dr.

Problem of the diagnosis of Turner's syndrome. Gyermekgyogyaszat 12  
no.8:234-237 Ag '61.

1. A Budapesti Orvostudomanyi Egyetem I sz. Gyermekklinikajának  
(Igazgató: Gégesi Kiss Pal dr. akadémikus, egyetemi tanár) közleménye.

(TURNER'S SYNDROME diag)

HODOSSY, L.

Dist: 4E2c(j)/4E3d

316/407

347,000

The mechanism of cyclohexene dehydrogenation  
by Dr. L. Hodossy, J. Vescovi, V. S. Borkin,  
Kozlemtanya Technika of the University of Chemical  
Industries, (Preprint), Vol. 2, 1958, No. 1-2, pp. 21-33.  
4 figs.

1-171 (Rev.)

The kinetics of dehydrogenation on palladium catalyst were investigated and the results compared with those of the reaction catalyzed by platinum, examined previously.

Platinum was found to be more active whereas, according to the authors' theory, palladium should have been more active. This anomaly can be explained by the fact that the hydrogen atom stabilizing on the surface of the catalyst in the primary process is bound stronger on the palladium and therefore reacts more slowly, consequently this step greatly retards the overall reaction rate. The mechanism widens too in consequence, because this retarding step must also be included in the scheme.

JL  
11/1  
CP

HORVATH, L.; MAGYAR, M.

Metal catalysis in technical practice. IV. Kinetics of the dehydrogenation  
of cyclohexane. (To Be contd.) p. 273.

MAGYAR KERÜLETI POLIVIZIRAT. (Magyar Kerületi Egyesülete) Budapest, Hungary  
Vol. 65, no. 10, Oct. 1959.

Monthly List of East European Accession (EAA), LC, Vol. 9, no. 2, Feb. 1960

Uncl.

Hodossy, Lajos

Distr: 4E3d

✓ Mechanism of the dehydrogenation of cyclohexanone  
Mihály Magyar and Lajos Hodossy (Univ. Chem. Ind.  
Veszprém, Hung.) Veszprém Műszaki Egyetem Kör-  
léményei 2, 27-33(1958).—The kinetics was studied on  
Pd and Pt catalysts, resp., in the app. described by Magyar  
(Analitikai Kézlemények No. 1, 27(1955)). The curve  
obtained at 340° was linear; this showed that the reaction  
is of the 1st order at that temp. Only slight deviations  
from a straight line occurred at higher temps.; this was  
attributed to higher conversion rates caused by the in-  
creased reaction velocities. At lower temps. the retarding  
action of H<sub>2</sub> became evident. Contrary to theoretical  
expectations, the reaction activity on a Pd catalyst was  
lower than on a Pt catalyst. This was attributed to this  
fact that the H atom, formed in the primary phase of the  
reaction, is more firmly bound to the Pd surface than to  
the Pt surface; hence, its retarding action is more evident.

G. J. Murray

74  
SW(BW)  
AD(MB)

HODÓSSY, LÁJOS

6  
HODÓSSY  
LÁJOS

Distr: 4E3d

7

1

✓Industrial metallic catalysts. IV. Miklós Magyar and László Hodóssy. (Veszprém Egyetem, Veszprém, Hung.; Magyar Akad. Polytéz. 65, 873-471959); cf. C. & S., 19413, 20773. --The dehydrogenation of cyclohexane was studied with N being used as the gas carrier, in the range 230-400° at 2.0 and 17.3% Pd concn. in the catalyst. The activity of the catalyst decreased strongly during a 2-hr. run. The reaction was first order, and was inhibited by the adsorption of H on the Pd catalyst. This effect makes Pd a less effective catalyst than Pt. V. Miklós Magyar and Károly Németh. Ibid. 379-83. --The dehydrogenation of cyclohexane was catalyzed by Pd adsorbed on active charcoal in a fluidized bed. The reaction was studied at 230-330° with the catalyst contg. 20% Pd, and was followed by the change in  $\pi$ . The order of the reaction did not change with increase of temp., although it did slow down below 340°. The order was the same as was found with fixed bed catalysts, although in this case the reaction was slower. The first-order consts. were  $k_{100} = 0.00769/\text{hr.}$  and  $k_{300} = 0.302/\text{hr.}$

P. Hartage

RF

MAGYAR, Miklos; HODOSSY, Lajos; NEMETH, Karoly

Metal catalysis in technological practice. Pts. 4-5. Magy  
kem folyoir 65 no. 10: 373-383 O '59.

1. Veggipari Egyetem Fizikai-Kemiai Tanszeke, Veszprem.

HODOSSY, Lejó

New method for measuring the heat of wetting. Veszprém vegyip  
egy kozl 4 no.48 329-330 '60

1. Nagygyomasu Kiserleti Intézet, Petfurdó.

KAROLYI, Jozsef (Budapest XI, Gellert ter 3); HAIDEGGER, Erno (Budapest XI, Gellert ter 3); HODOSSY, Lajos (Budapest XI, Gellert ter 3)

Production of fatty alcohols by means of high-pressure catalytic hydrogenation. II. Acta chimica Hung 24 no.2:157-189 '60.

1. High Pressure Research Institute, Budapest.  
(Alcohols) (Catalysts) (Hydrogenation) (Copper)  
(Zinc) (Glycerides) (Paraffins) (Manganese oxides)

HAIDEGGER, Erno; HODOSSY, Lajos; KAROLYI, Jozsef; METZING, Jozsef

Realization of fatty alcohol manufacture in Hungary. Magy  
kem lap 17 no.6:247-252 Je '62.

1. Nagynyomasu Kiserleti Intezet (for Haidegger and Karolyi).
2. Peti Nitrogenmuvek (for Hodossy and Metzing).

HOLOSSY, Lajos; PETER, Istvan; HAIDEGGER, Erno

Furfuryl alcohol: a new Hungarian chemical product.  
Magy kem lap 19 no. 4:196-199 Ap '64.

1. Department of Chemical Processes, Veszprem University  
of the Chemical Industry (for Hodossy).
2. Ministry of the Heavy Industry (for Haidegger).

L 46856-66 EMP(j)/T WE/RM  
ACC NR: AP6034699

SOURCE CODE: HU/0006/66/000/ba1/0196/0200

AUTHOR: Hodossy, Lajos

H0

B

ORG: Department of Chemical Industrial Procedures, University of the Chemical Industry, Veszprem (Vegyipari Egyetem, Vegyipari Muveleti Tanszek)

TITLE: Chemical equilibrium, heat of reaction and reaction velocity in hydrogenation processes

SOURCE: Magyar kemikusok lapja, no. 4, 1966, 196-200

TOPIC TAGS: hydrogenation, chemical equilibrium, heat of reaction

ABSTRACT: A few, arbitrarily selected examples are used to demonstrate the equilibrium conditions, as a function of temperature, of chemical processes which play a role in hydrogenation methods used in the crude oil industry. The heat of reaction values calculated for the same processes are reported and a comparison is made concerning the technical execution of various industrial processes on the basis of these values. Based on literature data, the rate values of some model reactions are presented and the theories of the fundamental steps, of hydrogenation reactions in the liquid phase, are discussed. Orig. art. has: 5 figures, 1 formula and 5 tables. [JPRS: 36,862]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 005

LS  
Card 1/1

0731-132P

HUNGARY/Diseases of Farm Animals. Diseases Caused by Bacteria and R  
Fungi.

Abs Jour : Ref Zhur - Biol., No 19, 1958, No 86242

Author : Hodosy Jozsef, Kadar Tibor

Inst : -

Title : Treating Typhoid Fever in Poultry with Terramycin

Orig Pub : Magyar allatorv. lapja, 1957, 12, No 11, 345-346

Abstract : Chicks were experimentally infected with *Salmonella gallinarum* and then treated with terramycin, which was given to them with their drinking water in daily doses of 5 mg for 3 consecutive days. Within the experimental group, 4-18 percent of the chicks died, whereas 51-71 percent died in the control group. In all instances, *S. gallinarum* was isolated from organs and from the bone marrow of recovered chicks.  
--- From the author's summary.

Card : 1/1

12

HODOUSEK, Vladimir, inz.

Operating tests of the ZPA magnetic voltage regulator.  
Energetika Cz 12 no.3:120-123 Mr '62.

1. Organizace pro racionalizaci energetickych zavodu, n.p.,  
Praha.

HOLYUKH, Vladimir, inv.

Synchronous generator of 100,000 MVA turbogenerator. Energetika  
Co 14 no. 78332-336 31162

I. Organization for Construction of Power Engineering Plants,  
National Enterprise, RUEK

HODOVSKI, D.

Some proposals for a simplified design of cadastres and their modernization.  
p. 193.

GEODETSKI LIST. (Drustvo geodeta Hrvatske)  
Zagreb, Yugoslavia  
Vol. 13, no. 7/9, July/Sept. 1959.

Monthly list of Eastern European Accession Index (EEAI) LC vol. 8, No. 11  
November 1959  
Uncl.

HODR, Jaroslav, MUDr; HERZMANN, Jiri, RNDr; JANES, Jiri

Intermedial glycide therapy in fetal hypoxia. Cesk.gyn. 19 no.6:  
413 Nov 55.

1. UPMD, Praha-Podoli, Reditel prof. MUDr J.Trapl. nositel Radu  
republiky.

(FETUS, diseases,  
anoxia, ther., glucose)

(ANOXIA,  
fetal, ther., glucose)  
(GLUCOSE, therapeutic use,  
anoxia in fetus)

HODR, Jaroslav

Active management of 3d stage of labor, Cesk. gyn. 23[37] no.6:  
430-433 Aug 58.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof.  
Dr. J. Trapl, nositel Radu Republiky, Praha-Podoli, nabr. E. Marxe 157.  
(LABOR

3d stage, management (Cz))

BROTANEK, V.; HODR, J.; KAZDA, S.; STEMBERA, Z.K.

Role of the CNS during labor under the influence of morphine.  
Effect of morphine on uterine activity, CNS activity and  
Glycide metabolism. Cesk. gynek. 28 no.7:478-482 S '63.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr.  
M. Vojta.

(MORPHINE) (CENTRAL NERVOUS SYSTEM)  
(LABOR) (UTERUS) (CARBOHYDRATE METABOLISM)  
(BLOOD SUGAR) (PYRUVATES) (LACTATES)  
(ELECTROENCEPHALOGRAPHY)

HODR, J.; STEMBERA, K.

Effect of labor on lactic acid level. Česk. gyn. 24[38] no. 3:181-186  
Mar 59.

1. UPMO Praha-Podoli, reeditel prof. dr. J. Trapl. J.H., UPMO, nabr.  
Marxe 157, Praha-Podoli.  
(LACTIC ACID, in blood,  
in labor (Cz))  
(LABOR, blood in,  
lactic acid (Cz))

STEMBERA, Z.K.; HODR, J.

Changes of glycemia in the umbilical vein following intravenous administration of glucose to mother. Cesk. gyn. 24[38] no.8:610-616 O '59.

1. Ustav pro peči o matku a dite, Praha-Podoli, reditel doc. dr.  
M. Vojta, zasl. lekar CSR.  
(BLOOD SUGAR) (UMBILICAL CORD blood supply)

HODR, J.; STEMBERA, Z.K.

Effect of birth on sugar metabolism in mother. Cesk. gyn. 24[38] no.8:  
616-622 O '59.

I. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr.  
M. Vojta, zasl. lekar Car.  
(BLOOD SUGAR)  
(PUERPERIUM blood)

HODR. J.;STEMBERA, Z.K.

Carbohydrate metabolism during labour. Rev. Czech. M. 6 no.1:27-35  
1960.

1. Institute for the Care of Mother and Child. Director: Dr. M. Vojta.  
(BLOOD SUGAR) (LABOR, blood)

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110001-3

PASTOROVA, Jana; HODER, Josef

Problem of anesthesia in ambulatory and minor operations. Summary  
and instructions for practice. Rozhl.chir.39 no.10:679-682 O'60.

(SURGERY MINOR anesth. & analgesia)

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110001-3"

HODR, J.; STEMBERA, Z.K.

Effect of glucose on lactic acid level in physiologic and protracted labors. Cas. lek. cesk. 99 no.27:831-834 1 Jl '60.

1. Ustav pro peci o matku a dite Praha-Podoli, reditel doc. dr. M. Wojta.

(LABOR physiol.)  
(DYSTOCIA physiol.)  
(LACTIC ACID blood)  
(GLUCOSE pharmacol.)

HODR, J.

Changes in the blood sugar and pyruvic acid blood level after the administration of glucose in protracted labour. Rev. Czech. med. ? no.3:214-226 '61.

1. Institute for the Care of Mother and Child, Prague-Podoli. Director: Doc. M. Vojta, M. D.

(BLOOD SUGAR in pregn) (PYRUVATES blood)  
(GLUCOSE pharmacol) (LABOR blood)

STEMBERA, Z. K.; HODR, J.

Effect of oxygen inhalation on the carbohydrate metabolism of parturient women during protracted labour. Rev. Czech. med. 7 no.3:227-237 '61.

1. Institute for the Care of Mother and Child, Prague-Podoli. Director:  
Doc. M. Vojta, M. D.

(CARBOHYDRATES metabolism) (OXYGEN pharmacol)  
(LABOR physiol)

HODR, J., CSc.; STEMBERA, Z. K., CSc.

Glucide metabolism in the fetus. III. L/P index in the healthy and hypoxic fetus. Cesk. gynek. 27 no.1/2:18-21 Mr '62.

1. Ustav pro peci o matku a dite, Praha Podoli, red. doc. MUDr. M. Vojta, zasl. lekar.

(FETUS metab) (BLOOD SUGAR metab)  
(LACTATES metab) (PYRUVATES metab)

HODR, J., CSc.; STEMBERA, Z. K., CSc.

Glucide metabolism of the fetus. I. The healthy fetus in physiological  
and prolonged labor. Cesk. gynek. 27 no.1/2:8-12 Mr '62.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. MUDr.  
Miroslav Vojta, zaslouzilý lekar.

(FETUS metab) (BLOOD SUGAR metab)  
(LACTATES metab) (PYRUVATES metab)

STEMBERA, Z. K., CSc.; HODR, J., CSc.

Glucide metabolism in the fetus. II. Hypoxic fetus in physiological  
and prolonged labor. Cesk. gynek. 27 no.1/2:13-17 Mr '62.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. MUDr.  
M. Vojta, zaslouzil lekar.

(BLOOD SUGAR metab) (ANOXIA) (FETUS metab)  
(PYRUVATES metab) (LACTATES metab)

STEMBERA, Z. K., CSc.; HODR, J., CSc.

Glucide metabolism in the fetus. IV. The relation of glucide metabolism in the healthy and hypoxic fetus to glucide metabolism of the mother during labor. Cesk. gynek. 27 no.1/2:22-28 Mr '62.

1. Ustav pro peci o matku a dite, Praha-Podoli, reed. doc. MUDr.  
M. Vojta, zasl. lekar.

(FETUS metab) (BLOOD SUGAR metab) (ANOXIA)  
(LACTATES metab) (PYRUVATES metab)

STEMBERA, Z.K., CSc.; HODR, J., CSc.; SABATA, Vl., CSc.

Energy metabolism in labor and pain. Česk. gyn. 27[41] no.5:338-342  
Je '62.

1. Ustav pro peci o matku a dite, Praha - Podoli, ředitel doc. dr.  
M.Vojta.

(LABOR physiol) (PAIN physiol) (UTERUS metab)

HODR, J.; STEMBERA, Z.K.

On a contribution to active management of the 3d stage of labor.  
Cesk. gyn. 28 no.1/2:17-24. F '63.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr. M. Vojta.  
(LABOR) (HEMORRHAGE POSTPARTUM) (MATERNAL MORTALITY)

PADOVEC, J.; STEMBERA, Z.K.; HODR, J.; KOUTSKY, J.

Fatal hemorrhage during the course of labor. Cesak. gyn. 28 no.1/2:  
25-31 F '63.

1. Gyn.-;or klin. lek fak. hyg. KU v Praze, prednosta doc. dr. J.Padovc  
Ustav pro peci o matku a dite v Praze, reditel doc. dr. M. Vojta.  
(LABOR) (UTERINE HEMORRHAGE) (UTERINE RUPTURE)  
(PLACENTA PRAEVIA) (PLACENTA ACCRETA) (AFIBRINOCHEMIA)  
(PREGNANCY COMPLICATIONS)

STEMBERA, Z.K.; HODR, J.; JANDA, J.

Fetoplacental circulation of the human fetus and newborn  
infant. Cesk. gynek. 28 no.7:450-452 S '63.

I. Ustav pro peci o matku a dite v Praze, reditel doc. dr.  
M. Vojta.

(MATERNAL-FETAL EXCHANGE) (UMBILICAL CORD)  
(OXIMETRY) (BIRTH WEIGHT)

HODR, J.; STEMBERA, Z.K.; SABATA, V.; NOVAK, M.

Changes in energy metabolism during the course of labor.  
Cesk. gynek. 28 no.7:482-485 S '63.

1. Ustav pro paci o matku a dite v Praze, reditel doc. dr. M. Vojta.

(ENERGY METABOLISM) (LABOR) (BLOOD SUGAR)  
(GLUCOSE) (INSULIN) (LIPID METABOLISM)  
   (LACTATES)

HODR,J.; STEMBERA, K.

Glycide metabolism in fetal asphyxia during pregnancy. Cesk.  
gynek. 29 no.1:110-115 F'64.

1. Ustav pro peci o matku a dite v Praze; reditel: doc.dr.  
M.Vojta.

HODR, J.

Carbohydrate metabolism of the mother and fetus. Česk. fysiol.  
14 no.3:189-204 My '65.

l. Ustav pro peci o matku a dite, Praha.

HODR, J.; STEMBERA, Z.K.; SABATA, V.

Use of glucose with insulin in the prevention and therapy of fetal anoxia. Cesk. gynek. 29 no.6:4 503 Ag '64.

Energy metabolism of the hypoxic fetus as an indication of stress in different methods of completion of delivery.  
Ibid.: 509-512

1. Ustav pro peci o matku a dite v Fraze, [reditel doc. dr. M. Vojta].

SABATA, V.; STEMBERA, Z.K.; HODR, J.

Lipid and carbohydrate metabolism in fetuses of diabetic mothers. Cesk. gynek. 30 no.9:688-691 N '65.

1. Ustav pro pedi o matku a dite v Praze (reditel doc. dr. J. Horsky, DrSc.).

L 16823-66

ACC NR: AP6008473

SOURCE CODE: CZ/0053/65/014/003/0189/0204

AUTHOR: Hodr, J.

ORG: Institute for the Care of Mother and Child, Prague (Ustav pro pediatriku a dite)

TITLE: Glycoside metabolism of the mother and the fetus

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 3, 1965, 189-204

TOPIC TAGS: ketone, biologic metabolism, biologic reproduction, man

ABSTRACT: The glycoside metabolism of the mother changes during pregnancy and after the birth; under certain conditions these changes may interfere with the supply of energy sources necessary for the evolution of the child. When the supply of the glycosides from the mother is interrupted, and the reserves in the fetus become exhausted, irreversible changes in the fetus may take place. Methods of improving the glycoside metabolism of the child in the first moments after birth are described. Possibilities of influencing the metabolism during pregnancy are discussed. Disturbances in the function of the placenta are described. Methods for investigating the metabolism of the fetus are dis-

Card 1/2

L 16823-66

ACC NR: AP6008473

cussed. [JPRS]

SUB CODE: 06 / SUBM DATE: 26Nov64 / ORIG REF: 027 / OTH REF: 172  
SOV REF: 006

Card 2/2 7/10 S

DRABKOVA, J.; HODR, J.; SRP, B.; CERNY, J.

The choice of anesthesia for pregnant cardiac patients. Cesk.  
gynek. 30 no.9:668-671 N '65.

1. Anestezio logicke oddeleni Krajskeho ustavu narodniho zdravi  
Stredoceskeho kraje v Praze (vedouci MUDr. J. Hodr) a I. por.  
klinika fakulty vseobecneho lekarstvi Karlovy University v Praze  
(prednosta prof. dr. K. Klaus, DrSc.).

CZECOSLOVAKIA

HODKOVIC, J., NOVAK, M., JANDA, J; Institute of Care for Mother and Child (Ustav pro Poci o Matku a Dite), Prague.

"Changes in the Activity of Lactodenhydrogenase in Mother and Fetus During Childbirth."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 65, p 93

Abstract: 16 physiological births were investigated. Activity of LDH doubles during birth; the activity in the umbilical cord blood is higher than in the mother's blood. The activity in the mother's blood increases during the last stage of labor. There is a direct relationship between the two levels. 1 Figure, 2 Western, 2 Green references. Submitted 11-16-64  
"16 Days of Research" at Kosice, 27 Sep 65.

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STEMBERA, Z.K.; HODR.J.

Effect of ergometrine on uteroplacental circulation. Cas. 162,  
cesk. 103 no. 21: 303-803 6. JI 64

1. Ustav pro paci o matku a dite, Praha-Podoli; rediteln doc.  
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